

**ANDOVER**  
**Cancer Incidence by Sex, 1993 - 1997**  
**Expected and Observed Case Counts, with Standardized Incidence Ratios**

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	17.55	14	80	Male	11.42	19	166 #+
Female	6.67	4	NC*	Female	9.22	7	76
Total	24.21	18	74	Total	20.64	26	126
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	6.35	9	142	Male	3.40	4	NC*
Female	5.46	8	147	Female	3.19	1	NC*
Total	11.81	17	144	Total	6.59	5	76
<b><u>Breast</u></b>				<b><u>Non-Hodgkin's Lymphoma</u></b>			
Male	1.18	2	NC*	Male	14.87	17	114
Female	119.76	142	119	Female	12.85	11	86
Total	120.94	144	119 #+	Total	27.72	28	101
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	7.67	7	91	Male	13.04	13	100
				Female	6.04	7	116
				Total	19.08	20	105
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	44.82	45	100	Female	14.49	18	124
Female	42.51	58	136 #+				
Total	87.33	103	118				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	6.95	4	NC*	Male	7.07	4	NC*
Female	2.19	3	NC*	Female	7.15	9	126
Total	9.14	7	77	Total	14.22	13	91
<b><u>Hodgkin's Disease</u></b>				<b><u>Prostate</u></b>			
Male	2.95	4	NC*	Male	113.03	115	102
Female	2.30	3	NC*				
Total	5.26	7	133				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	11.27	7	62	Male	7.74	6	78
Female	6.61	5	76	Female	4.52	5	111
Total	17.89	12	67	Total	12.26	11	90
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	6.99	4	NC*	Male	4.03	6	149

Female	2.01	1	NC*				
Total	9.01	5	56				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	7.99	9	113	Male	2.36	3	NC*
Female	6.05	4	NC*	Female	6.10	5	82
Total	14.03	13	93	Total	8.46	8	95
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	3.82	2	NC*				
Female	1.49	1	NC*	Female	23.30	20	86
Total	5.31	3	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	60.18	43	71 #-	Male	372.20	348	93
Female	46.33	38	82	Female	360.95	381	106
Total	106.51	81	76 #-	Total	733.16	729	99

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels